

PTO/SB/21 (09-04)

Approved for use through 07/31/2005. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after Initial filing)

Total Number of Pages in This Submission

11

Application Number	10/749,734	RECEIVED
Filing Date	12/30/2003	CENTRAL FAX CENTER
First Named Inventor	Yibin Ye	
Art Unit	2827	
Examiner Name	Le, Thang Quoc	OCT 12 2005
Attorney Docket Number	110350-134110	

Total Number of Pages in This Submission

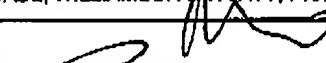
11

Attorney Docket Number 110350-134110

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	SCHWABE, WILLIAMSON & WYATT, P.C.		
Signature			
Printed name	James A. Nemiki		
Date	10/10/2005	Reg. No.	51148

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature



Typed or printed name

Heather L. Adamson

Date 10/10/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Attorney Docket No. 110350-134110
IPN P17203 (Intel Corporation)

OCT 10 2005 Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of:

YE, et al.

Application No.: 10/749,734

Filed: December 30, 2003

For: 1 PIN 2T Gain Cell

Examiner: Thong Quoc Le

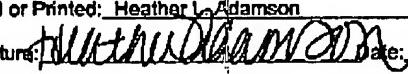
Art Unit: 2827

Confirmation No.: 9041

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Typed or Printed: Heather L. Adamson

Signature:  Date: 10/10/2005

Mail Stop AF
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

RESPONSE TO FINAL OFFICE ACTION

INTRODUCTORY COMMENTS

This communication is submitted in response to the Final Office Action mailed August 8, 2005 (hereinafter "Office Action"). In this Office Action, claims 1-3, 11-17, and 21-23 were rejected. Applicants respectfully request reconsideration of the captioned application in view of the remarks to follow.

Amendments to the claims are reflected in the listing of claims beginning on page 2 of this paper.

Amendments to the Drawings begin on page 5 of this paper and includes an attached replacement sheet.

Remarks/Arguments begin on page 6 of this paper.

An **Appendix** including new drawing figures is attached following page 9 of this paper.

BEST AVAILABLE COPY